



TECHNICAL SERVICE BULLETIN

Number: TSB-FC-2016-252 CS7000 Steering boot

Symptom: Loss of steering

Date: 29th Feb. 2016

Urgency: Low

Author: Aaron Clark

Urgency: **Low:** Rework to be done if necessary

SYMPTOM:

Loss of steering

PRODUCTS:

CS7000, Haram Captor II

SYSTEM:

Steering

ISSUE:

The rubber steering boot has a slip fit onto the steering shaft and may allow water to intrude and leak into the TFD (Torque Feedback Device) causing corrosion and premature failure. Washing this area may allow water to enter into the TFD.

CAUSE:

Water ingress between the steering boot and the shaft and eventually into the TFD leading to failure.

ECR #: - 08297

PRODUCTION CORRECTIVE ACTIONS:

A black tie wrap was added to the steering column to clamp the rubber boot to the steering column minimizing the potential for water ingress.

PRODUCTION SOLUTION IMPLEMENTATION DATE and / or SERIAL NUMBER:

First production machine with new TY-WRAP (2-00-04345) installed as Standard equipment:

Implementation Shipping Date: 23rd, Feb. 2016

Serial Number: 1000061494



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FIELD CORRECTIVE ACTIONS: (All machines built prior to Serial Number 1000061494)

Install TY WRAP (2-00-04345) around the top of the steering boot to prevent water from entering. See photos below.

SPARE PARTS or Kits Needed:

2-00-04345 TY-RAP THOMAS+BETTS-TY-28M around top of steering boot to prevent water ingress.

COMPONENT LOCATIONS / PICTURES:

